991

A Catalog of PUBLICATIONS, AUDIOVISUALS, & SOFTWARE

Produced by The National Library of Medicine

Reference Chart for Acupuncture Points, Shanghai, 1956
From the History of Medicine Prints and Photographs Collection

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NATIONAL LIBRARY OF MEDICINE NEWS SUPPLEMENT

May 1991

A supplement to the *National Library of Medicine News* is published each year to provide current ordering information for the Library's publications, audiovisuals and software. New titles and prices are announced in the regular monthly issues of the *NLM News*.

Inquiries regarding the *Supplement* may be addressed to:

Frances Beckwith
Office of Public Information
National Library of Medicine
8600 Rockville Pike
Bethesda, Maryland 20894

The *National Library of Medicine News* is a bimonthly publication of the National Library of Medicine for institutions and individuals interested in health sciences communications.

To be placed on the mailing list, please write to:

Editor
NLM News
Office of Public Information
National Library of Medicine
8600 Rockville Pike
Bethesda, Maryland 20894

This administrative document is published as a supplement to the National Library of Medicine News. It is intended to assist members of NLM's Regional Medical Library Network in ordering the Library's publications from the Government Printing Office and the National Technical Information Service. It is a compilation of the titles currently available; new publications are regularly announced in the monthly *NLM News*.

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Superintendent of Documents
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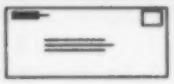
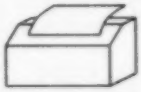


PHONE ORDERS: area code (202) 783-3238



FAX: (202) 275-0019; FTS: 8-275-0019
(receives orders 24 hours a day, seven days a week)

ORDER FORM: Use order form provided at back of this booklet. Form may be photocopied. If you are submitting a different form, include the following information on your order: (1) date, (2) complete title of publication (including year or volume, if applicable), (3) stock number or code, (4) address for delivery, (5) number of copies requested, (6) price.

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(Continued on next page)

(Continued from page 1)

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Washington, D.C. 20402-9329
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National Library of Medicine
8600 Rockville Pike
Bethesda, Maryland 20894

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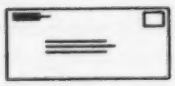

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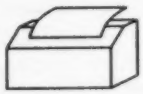

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See pages 1 and 2 for detailed ordering instructions and information on deposit accounts, renewal orders, pro-forma invoices, etc.

(1) ABRIDGED INDEX MEDICUS (monthly) Note: Subscription does not include annual cumulation
(Annual cumulation - see *Cumulated Abridged Index Medicus*, page 5)
(Microform edition - not available in microform)

A bibliography of articles from 118 English language journals. Arranged in subject and author sections. Designed for the individual practitioner and libraries of small hospitals and clinics. Each issue contains citations representing a subset of one month's input into the National Library of Medicine's computer-based MEDLARS® (Medical Literature Analysis and Retrieval System).

SUBSCRIPTION PRICE: $50.00 ($62.50 foreign)
SINGLE COPY PRICE: $11.00 ($13.75 foreign)
GPO LIST ID: ABIM

NOTE: Subscription begins in month that order is received and processed at GPO. Back issues are not included.

(2) AIDS BIBLIOGRAPHY (monthly)

Bibliographic listing of references to current articles on Acquired Immunodeficiency Syndrome (AIDS) Each issue consists of about 60 pages of references to journal articles and books dealing with AIDS.

SUBSCRIPTION PRICE (1991 Issues): $59.00 ($73.75 foreign) GPO LIST ID: AID91
SINGLE COPY: $5.00 ($6.25 foreign) GPO LIST ID: AID91
SUBSCRIPTION PRICE (1990 Issues)): $48.00 ($60.00 foreign); GPO LIST ID: AID90

(3) CURRENT BIBLIOGRAPHIES IN MEDICINE

Approximately 20 bibliographies per year on a variety of biomedical topics, excluding AIDS, similar to those covered previously in the NLM Literature Search series. Topics are chosen for their current popular interest and in conjunction with NIH Consensus Development Conferences. Titles in the CBM series will be announced as they are published in the *NLM News* and in the introductory pages of *Index Medicus*® and *Abridged Index Medicus*. Also see page 19 of this listing for current titles available. Back issues included with order.

SUBSCRIPTION PRICE (1991 Issues): $52.00 ($65.00 foreign) GPO LIST ID: CBM 91
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PRICE FOR 1990 ISSUES: $52.00 ($65.00 foreign) GPO LIST ID: CBM90
SINGLE COPY: $3.00 ($3.75 foreign) GPO LIST ID: CBM90

(Continued from page 3)

PRICE FOR 1989 ISSUES: $47.00 ($58.75 foreign) GPO LIST ID: CBM89
SINGLE COPY: $2.50 ($3.13 foreign) GPO LIST ID: CBM89

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PRICE FOR 1989 ISSUES: $47.00 ($58.75 foreign) GPO LIST ID: CBM89
SINGLE COPY: $2.50 ($3.13 foreign) GPO LIST ID: CBM89

(4) HEALTH SCIENCES SERIALS (quarterly)(microfiche only)

Designed to assist health science librarians identify serial titles and locate the nearest library which can fill an interlibrary loan request. *Health Sciences Serials* is derived from SERLINE®, the online database maintained by the National Library of Medicine. The publication includes some 38,000 records, location information for about 6,700 titles, and bibliographic and acquisitions information to assist librarians in the management of their own serials collections. Each quarterly issue will supersede the previous one.

SUBSCRIPTION PRICE: $15.00 ($18.75 foreign)
SINGLE COPY PRICE: $4.25 ($5.31 foreign)
GPO LIST ID: HSS

NOTE: Subscription begins in quarter that order is received and processed at GPO. Back issues are not included.

(5) INDEX MEDICUS® (monthly)

(Annual cumulation - see *Cumulated Index Medicus*) (Microform edition - see page 27)

A bibliographic listing of references to current articles from approximately 3,000 of the world's biomedical journals published in 36 languages. Included are subject and author sections and a separate *Bibliography of Medical Reviews. Medical Subject Headings* and *List of Journals Indexed in Index Medicus* are also furnished as part of the subscription and may be ordered separately (see page 6). Monthly issues are in two volumes: Part 1, Subject Section, and Part 2, Author Section and Bibliography of Medical Reviews.

SUBSCRIPTION PRICE: $319.00 ($398.75 foreign)
SINGLE COPY PRICE (per monthly set): $47.00 ($58.75 foreign)
GPO LIST ID: IM91

NOTE: Orders received and processed by GPO before October 1 will receive all back issues for the year. Orders handled after that date are processed to begin in January of the next year.

(6) NATIONAL LIBRARY OF MEDICINE AUDIOVISUALS CATALOG (quarterly)(Annual cumulation - issued as fourth quarterly of subscription but also available for purchase separately, see *NLM Audiovisuals Catalog* annual)

Lists audiovisuals cataloged by NLM from new additions to AVLINE® (Audiovisuals Online), the Library's computerized database of information on audiovisual items used in health sciences education. Also includes a section entitled Audiovisual Serials Indexed. Materials listed are available from the distributor cited in each entry. Subscription includes three quarterlies plus an annual cumulation which is issued in lieu of a fourth quarterly. (For citations to audiovisuals cataloged prior to 1975 see *NLM Current Catalog*.) Citations for 1977 were announced in the quarterly *NLM Current Catalog* and then cumulated for the year in the *NLM Audiovisuals Catalog*, annual cumulation, 1977.

SUBSCRIPTION PRICE: $27.00 ($33.75 foreign)
SINGLE COPY PRICE: (not available in single issues except for 4th quarterly annual)
GPO LIST ID: MAC91

NOTE: Orders received and processed by GPO before October 1 will receive all back issues for the year. Orders handled after that date are processed to begin in January of the next year.

(7) NATIONAL LIBRARY OF MEDICINE CURRENT CATALOG* (quarterly)

(Annual cumulation - see *NLM Current Catalog* annual) (Quinquennial edition - see page 7)

A bibliographic listing of monographs and serials cataloged by the Library. Contains listings by subject, title, series, and name.

SUBSCRIPTION PRICE: $37.00 ($46.25 foreign)
SINGLE COPY PRICE: $27.00 ($33.75 foreign)
GPO LIST ID: NLCQ

NOTE: Subscription begins in month that order is received and processed at GPO. Back issues are not included. Annual cumulation not included with quarterly subscription.

**NLM Current Catalog Proof Sheets* are issued weekly by the Medical Library Association, 919 North Michigan Avenue, Suite 3208, Chicago, Ilinois 60611. Phone: (312) 266-2456.

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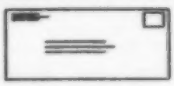

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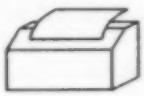

FAX ORDERS: FAX: (202) 275-0019; FTS: 8-275-0019
(receives orders 24 hours a day, seven days a week).

An order form (A) is provided at the back of this booklet. (Form may be photocopied.) Please see page 1 for complete ordering information. Prices are subject to change without notice.

(1) BIBLIOGRAPHY OF THE HISTORY OF MEDICINE

A bibliographic listing of citations dealing with the history of medicine and its related sciences and professions. All periods and geographical areas are included. The bibliography is prepared from NLM's computerized database in the history of medicine, HISTLINE®. Two five-year cumulations are available.

YEAR	NUMBER	U.S. PRICE	FOREIGN PRICE	STOCK NUMBER
1985-1989	25	$25.00	$31.25	S/N 017-052-00290-2
1988	24	$14.00	$17.50	S/N 017-052-00282-1
1987	23	$14.00	$17.50	S/N 017-052-00275-9
1986	22	$12.00	$15.00	S/N 017-052-00273-2
1985	21	$18.00	$22.50	S/N 017-052-00263-5
1980-1984	20	$30.00	$37.50	S/N 017-052-00257-1

NOTE: Number 20 includes 16 through 19.
OUT OF PRINT: Numbers 1 through 5, 10, and 15, through 19.

(2) A CATALOGUE OF 17TH CENTURY PRINTED BOOKS IN THE NATIONAL LIBRARY OF MEDICINE (1989)

Casebound, 1315 pages
Records 13,300 books printed from 1601 through 1700 now held by the National Library of Medicine. All genres of medical literature are represented, including monographs, dissertations and corresponding program disputations, broadsides, pamphlets and serials.

PRICE: $45.00 ($56.25 foreign) STOCK NUMBER: S/N 017-052-00255-4

(3) CUMULATED ABRIDGED INDEX MEDICUS (annual)

An annual cumulation in one volume of the citations appearing in the monthly *Abridged Index Medicus* (see page 3). Contains subject and author sections.

YEAR	NUMBER	U.S. PRICE	FOREIGN PRICE	STOCK NUMBER
1990	21	$55.00	$68.76	S/N 017-052-00291-1
1989	20	$65.00	$81.25	S/N 017-052-00283-0
1988	19	$65.00	$81.25	S/N 017-052-00279-1
1987	18	$47.00	$58.75	S/N 017-052-00272-4
1986	17	$43.00	$53.75	S/N 017-052-00267-8

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1988	19	$65.00	$81.25	S/N 017-052-00279-1
1987	18	$47.00	$58.75	S/N 017-052-00272-4
1986	17	$43.00	$53.75	S/N 017-052-00267-8

OUT OF PRINT: 1970 through 1985

(4) CUMULATED INDEX MEDICUS (annual)
A sixteen-volume cumulation of the citations appearing in *Index Medicus*® for the previous year. Included are author and subject sections, *Medical Subject Headings*, *List of Journals Indexed in Index Medicus*, and *Bibliography of Medical Reviews*. Also available in microfilm and microfiche (see page 27).

YEAR	NUMBER	U.S.PRICE	FOREIGN PRICE	STOCK NUMBER
1990	31	$301.00	$376.25	S/N 617-052-00292-9
1989	30	$307.00	$383.75	S/N 617-052-00284-1
1988	29	$250.00	$312.50	S/N 617-052-00276-1
1986	27	$204.00	$255.00	S/N 617-052-00264-7
1985	26	$196.00	$245.00	S/N 617-052-00258-2
1984	25	$168.00	$210.00	S/N 617-052-00249-3
1983	24	$172.00	$215.00	S/N 617-052-00240-0
1982	23	$260.00	$325.00	S/N 617-052-00232-9

The 1965 edition is out of print, but a reprint edition is available, see page 28.
These editions are out of print , and reprint editions are NOT available: 1960 through 1964; 1966 through 1974, and 1981 and 1987. Microform editions are available from 1960 to the current year - see page 27.

(5) HEALTH SCIENCES AUDIOVISUALS (microfiche only) A computer-output-microform (COM) version of NLM's AVLINE® database produced on 48x microfiche. HSA contains citations to all audiovisuals cataloged by the National Library of Medicine from 1975 through December 1988, except cataloging-in-publication (CIP) titles and titles which have been withdrawn from NLM's collection. (Ceased publication as a quarterly with the December 1988 issue.)

December 1988 issue - PRICE: $8.50 ($10.63 foreign)

(6) A HISTORY OF THE NATIONAL LIBRARY OF MEDICINE:
THE NATION'S TREASURY OF MEDICAL KNOWLEDGE
By Wyndham D. Miles, Ph.D. (1982)
Casebound, 531 pages
A comprehensive, illustrated history of NLM from its beginnings in the early 19th century through its development as an international biomedical information center.

PRICE: $14.00 ($17.50 foreign) STOCK NUMBER: S/N 017-052-00224-4

(7) INDEX OF NLM SERIAL TITLES (Fifth Edition, 1984)

OUT OF PRINT; NO FUTURE EDITIONS PLANNED

(8) LIST OF JOURNALS INDEXED IN INDEX MEDICUS, 1991
An annual listing of the 3,000 journals being indexed for *Index Medicus* as of January 1990. Listed in four sections: (1) by abbreviated title, followed by full title; (2) full title, followed by abbreviated title, (3) by subject field, and (4) by country of origin.

PRICE: $12.00 ($15.00 foreign)
GPO CODE: IM91(LIST OF JOURNALS INDEXED IN INDEX MEDICUS)

(Continued on next page)

(Continued from page 6)

(9) MEDICAL SUBJECT HEADINGS, 1991
An alphabetical and categorized list of all of the subject descriptors used to analyze the biomedical literature in the National Library of Medicine. (Subscribers to *Index Medicus*® receive this publication as Part 2 of the January issue.) See also MEDLARS® tools available from NTIS, page 11.

PRICE: $37.00 ($46.25 foreign) GPO CODE: IM91 (MEDICAL SUBJECT HEADINGS)

(10) NATIONAL LIBRARY OF MEDICINE CLASSIFICATION* (Fourth Edition, 1978, Revised 1981)
A SCHEME FOR THE SHELF ARRANGEMENT OF BOOKS IN THE FIELD OF MEDICINE AND ITS RELATED SCIENCES
An authoritative guide to organizing materials in health science collections. The Classification covers the field of medicine and related sciences using schedules Qs-Qz and W. These schedules are permanently excluded from the Library of Congress Classification although LC's various schedules supplement the NLM Classification for subjects bordering on medicine and for general reference material.

PRICE: $21.00 ($26.25 foreign) STOCK NUMBER: S/N 017-052-00281-3

(11) NATIONAL LIBRARY OF MEDICINE CURRENT CATALOG (annual and quinquennial)
A bibliographic listing of monographs and serials cataloged by the Library. Contains listings by subject and name. (Also issued quarterly, see *NLM Current Catalog*, quarterly, page 4.) The annual cumulation is not furnished automatically to subscribers to the quarterlies, but must be ordered separately. The annual supersedes the previous year's quarterlies.

YEAR	U.S. PRICE	FOREIGN PRICE	STOCK NUMBER
1990	(Price to be announced)	(Scheduled to appear May 1991)	
1989	$58.00	$72.50	S/N 017-052-00288-1
1988	$52.00	$65.00	S/N 017-052-00280-5
1987	$68.00	$85.00	S/N 017-052-00274-1
1986	$54.00	$66.50	S/N 017-052-00268-6
1985	$53.00	$66.25	S/N 017-052-00262-7
1984	$39.00	$48.75	S/N 017-052-00253-8

OUT OF PRINT: 1965-1970 (annuals and quinquennial); 1971-1975 (annuals and quinquennial);1976-1980 quinquennial (The 1976-1980 edition was available in microfiche only.); 1976 through 1979, 1981 through 1983. NOTE: No quinquennials were published after the 1976-80 edition. See *NLM Catalog*, 1984 (microfiche only) and its Supplement, and *Health Sciences Audiovisuals* (microfiche only).

(12) NLM AUDIOVISUALS CATALOG (annual)
Annual cumulation of the *NLM Audiovisuals Catalog* quarterly (see page 4).
Contains subject, name/title and procurement source sections. Also includes a section entitled Audiovisual Serials Indexed. This annual issued in lieu of fourth quarterly to subscribers of quarterly editions (page 5). NOTE: When ordering, include words "4th quarterly, annual cumulation."

YEAR	U.S. PRICE	FOREIGN PRICE	STOCK NUMBER
1990	$27.00	$33.75	S/N 017-052-00288-1
1989	$23.00	$28.75	S/N 717-110-00004-8
1988	$26.00	$32.50	S/N 717-106-00004-1
1987	$26.00	$32.50	S/N 717-101-00004-9

(Continued on next page)

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(13) NLM CATALOG, 1984 edition (microfiche only)
Derived from CATLINE®, the NLM Catalog is a name/title and subject listing of citations to approximately 585,000 printed monographs, serials, and audiovisual serials with imprint years of 1984 and earlier. Total fiche (48x): 796. A cumulative supplement from June 1985. No plans to produce a 1991 edition.

PRICE: $65.00 ($81.25 foreign) STOCK NUMBER: S/N 017-052-00256-2.

(14) NLM CATALOG SUPPLEMENT, December 1988 (microfiche only)
(OUT OF PRINT) (CEASED PUBLICATION)
(Updates the basic 1984 edition .) Includes citations to printed monographs, serials, and audiovisual serials cataloged from June 1985 to December 1988.

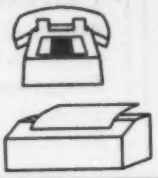
(15) A SHORT TITLE CATALOGUE OF 18TH CENTURY PRINTED BOOKS IN THE NATIONAL LIBRARY OF MEDICINE (1979)
Casebound, 501 pages. (OUT OF PRINT)
A major compilation in the history of medicine listing approximately 25,000 items printed from 1701-1800 which are held in the History of Medicine Division collection of the National Library of Medicine.

NTIS ORDERING INFORMATION

MAIL ORDERS:
National Technical Information Service
U.S. Department of Commerce
5285 Port Royal Road
Springfield, Virginia 22161

PHONE ORDERS
Local (703) 487-4650
Out of state: 1-800-553-6847

FAX ORDERS : (703) 321-8547



PLACING YOUR ORDER: Orders may be placed by telephone, mail, electronic ordering (NTIS' QuikSERVICE, Online computer ordering through DIALOG, OCLC, ORBIT, and STN), Telex or facsimile. (See order forms at back of booklet.)

TURNAROUND TIME: Orders for technical reports generally are shipped within 2 to 8 days of receipt. For faster service, NTIS provides Rush and Express Orders Service, (see next page).

HOW TO PAY: Credit card (American Express, MasterCard, or VISA); check or money order in U.S. dollars, payable to NTIS; NTIS Deposit Account; Billing requests (U.S., Canada, and Mexico only). If billing is requested, a $7.50 fee is required.

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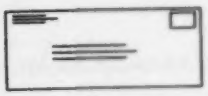

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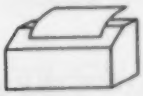

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For complete ordering information refer to page 9.

PB89-146179/GBB | THE BASICS OF SEARCHING MEDLINE: A GUIDE FOR THE HEALTH PROFESSIONAL (1989) $20.50 ($41.00 foreign)
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The *Guide* provides a self-instructional introduction to the basic techniques used in searching MEDLINE®. It was originally prepared for use in special one-day workshops to train health professionals in performing online searches. Though it does not replace the Initial Online Services Training Course offered by NLM, it is self-instructional and can be used apart from a formal training course.

PB91-127084/GBB | LIST OF SERIALS INDEXED FOR ONLINE USERS, 1991
$22.00 ($44.00 foreign)
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Designed to provide complete bibliographic information on serials and congress proceedings cited in three MEDLARS® files: MEDLINE (including the backfiles), HEALTH and POPLINE™. This publication contains about 7,342 serial titles listed alphabetically by abbreviated title followed by full title.

PB91-100008/GBB | MEDICAL SUBJECT HEADINGS - ANNOTATED ALPHABETIC LIST, 1991
$35.00 ($70.00 foreign)
$18.50 microfiche ($37.00 foreign microfiche)

An alphabetic list of all subject descriptors used by indexers and catalogers at the National Library of Medicine. Includes subject headings, cross references, geographic headings, non-MeSH terms, check tags, tree numbers, and notes for indexers, catalogers and online searchers.

PB91-100248/GBB | MEDICAL SUBJECT HEADINGS - SUPPLEMENTARY CHEMICAL RECORDS, 1991
$41.00 ($82.00 foreign)
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This publication is intended to assist indexers and the users of *Index Medicus®* and MEDLINE. For the indexer, it provides more specific entries than those available in *Medical Subject Headings*. It permits users of *Index Medicus* to locate the chemical subject headings under which citations referring to a more specific chemical can be found. Contains records of approximately 22,000 chemicals which since 1970 have been mentioned in a significant way in journals indexed in MEDLINE, NLM's online bibliographic database. The present list does not include any of the chemical descriptors that are found in the D category of *MeSH®*.

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PB91-100016/GBB | MEDICAL SUBJECT HEADINGS - TREE STRUCTURES, 1991
$31.00 ($62.00 foreign); $12.00 microfiche ($24.00 foreign microfiche)

Contains all Medical Subject Headings currently in use by the National Library of Medicine's indexers, catalogers, and searchers. Headings are arranged in a hierarchical manner showing relationships between broader and narrower terms; minor and geographic descriptors are included. (*Tree Structures* also appears as second section in "black book *MeSH*," the familiar name for part two of the January *Index Medicus*®.) Beginning with the 1990 edition, *Tree Structures* also includes *MeSH Tree Annotations*, formerly published separately as a tool for indexers and searchers.

MESH TREE ANNOTATIONS
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PB-254-270/GBB | MEDLARS INDEXING MANUAL (Part I): BIBLIOGRAPHIC PRINCIPLES AND DESCRIPTIVE INDEXING, 1977
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Devoted to the rules governing the technical analysis and indexing of journals and monographs cited in *Index Medicus* and other MEDLARS products. The Manual contains sections on the following: Indexing Operation, Depth Indexing, IM Headings and Non-IM Headings, Indexed Citation Form, Review Articles, Citation Types, Check Tags, Qualifiers, General Indexing Principles, Categories A-N and Z, and a complete Index to Parts I and II of the Manual

PB88-156252/GBB | ONLINE SERVICES REFERENCE MANUAL, 1988
$62.00 ($124.00 foreign); $27.00 microfiche ($54.00 foreign microfiche)
NOTE: Price includes two 3-ring binders and index tabs.

A comprehensive manual for the operation of the various NLM online databases. Contains specific information on modes of accessing these databases, the commands which may be used, techniques for searching them, etc. Includes instructions on the use of MEDLINE®, AVLINE®, CATLINE®, NAME AUTHORITY FILE®, SERLINE®, TOXLINE®, CHEMLINE®, RTECS®, HAZARDOUS SUBSTANCES DATA BANK, CCRIS, CANCERLIT®, CANCERPROJ®, CLINPROT®, PDQ®, DIRLINE®, MEDLEARN®, BIOETHICSLINE®, HISTLINE®, the HEALTH file, the MeSH VOCABULARY FILE, and POPLINE®.

PB91-100024/GBB | PERMUTED MEDICAL SUBJECT HEADINGS, 1991
$28.00 ($56.00 foreign); $12.00 microfiche ($24.00 foreign microfiche)

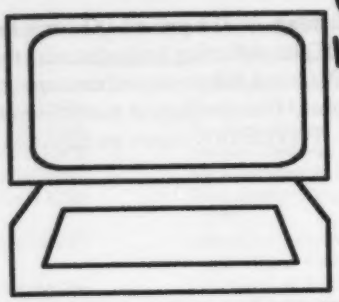
A computer-generated display of all terms, i.e., descriptors and cross references in the alphabetic list of the National Library of Medicine's *Medical Subject Headings (MeSH)* for 1991, as well as all citation type, check tag, and geographic descriptors in the *Annotated Alphabetic MeSH*, 1991. The *Permuted MeSH* takes each significant word that appears in each *MeSH* term and then lists all the *MeSH* terms in which that word appears.

PB84-104298/GBB | TECHNICAL NOTES: MEDLARS INDEXING INSTRUCTIONS, 1984
$10.00 ($20.00 foreign); $8.00 microfiche ($16.00 foreign microfiche)

This indexing guide is intended primarily for MEDLARS analysts and users. *Technical Notes* discusses practices relating to groups of concepts, lying half-way between the generalities of the *Indexing Manual* and the specificities of *MeSH* annotations. The source of subjects discussed in *Technical Notes* is queries and problems posed by indexers and searchers.

PB90-142167/GBB | TECHNICAL NOTES: MEDLARS INDEXING INSTRUCTIONS, TUMOR KEY SUPPLEMENT, 1990
$17.00 ($34.00 foreign); $8.00 microfiche ($16.00 foreign microfiche)

This document is intended as a guide to the correct *Medical Subject Heading* term for various histological types of tumor and cancer. This supplement is a revision of the 1975 issue to bring it up to date with the 1990 *MeSH* and the *1976 International Classification of Diseases for Oncology (ICD-O).*



Software Packages

Order from: National Technical Information Service. For complete ordering information refer to page 9.

GRATEFUL MED®

GRATEFUL MED allows individuals to search easily and conveniently NLM's major databases from their personal computers. Upgrades are sent free of charge. A brochure describing GRATEFUL MED and a free demo disk for IBM or Mac computers is available from the Public Information Office, National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20894.

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Macintosh Version (1.5)
Price: $29.95 (Available U.S. and Canada only); Order number PB89-196083/GBB
Basic requirements for installation: Macintosh Plus, Macintosh SE, all Macintosh II's, or Macintosh 512K enhanced; 512K RAM; and Hayes® Smartmodem or fully compatible modem.

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(Continued on next page)

LISTER HILL CENTER REPORTS

Order from: The National Technical Information Service. For complete ordering information refer to page 9.

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PB83-205054/GBB	Lecture Skills for Health Science Educators: A Kit for Designing Training	$14.95
PB84-135821/GBB	Videodisc Premastering Facility: Technical Evaluation	$19.95
PB85-139897/GBB	Designing Microcomputer Patient Management Simulations	$14.95
PB85-198950/GBB	Systems for Authoring Computer-Based Instruction	$14.95
PB87-174280/GBB	Research Library Trends, 1951-1980 and Beyond: An Update of Purdue's "Past and Likely Future of 58 Research Libraries"	$19.95
PB87-175790/GBB	The Indexing Aid Project: Research on Knowledge-Based Indexing of the Medical Literature	$19.95
PB88-243902	The MedIndEx System: Research on Interactive Knowledge-Based Indexing of the Medical Literature	$19.95
PB90-127085/GBB	Research Library Trends II: 35 Libraries in the 1970's and Beyond (This is a sequel to Research Library Trends, 1951-1980 and Beyond.)	$23.00
PB90-240029	The SPECIALIST Natural Language Processing System	$15.00
PB90-234964/GBB	The MedIndEx System: Research on Interactive Knowledge-Based Indexing and Knowledge Base Management, 251pp.	$31.00

The following monographs were prepared by the Educational Technology Branch of the Lister Hill Center and are available from: The Learning Center, National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20894, Attn: Suzanne Mayse.

LISTER HILL MONOGRAPHS

Videodisc Technology (89-1)

Videodisc Repurposing (89-2)

Computer-Based Education in Nursing (90-1)

TOXICOLOGY INFORMATION PROGRAM MATERIALS

The following items are available without charge, from the Specialized Information Services, National Library of Medicine, 8600 Rockville Pike, Bethesda, Md. 20894

POCKET CARDS Pocket Cards serve as quick reference tools and give an overview of what is contained in each database; this includes the unit record, a description of each of the data elements, and typical search strategies.

- CHEMLINE®(Chemical Dictionary Online)
- TOXLINE® (Toxicology Information Online)

FACT SHEETS Fact Sheets give a short description of each of the databases, as well as cost, availability, and content.

- AIDSTRIALS & AIDSDRUGS (AIDS clinical trials)
- ANSWER™ (Agency for Toxic Substances and Disease Registry Workstation for Emergency Response)
- CCRIS (Chemical Carcinogenesis Research Information System)
- ChemID™ (Chemical Identification file)
- CHEMLEARN® (Microcomputer-based training for CHEMLINE)
- CHEMLINE ® (Chemical Dictionary Online)
- DART™ (Developmental and Reproductive Toxicology)
- DBIR™ (Directory of Biotechnology Information Resources)
- DIRLINE® (Directory of Information Resources Online)
- EMIC (Environmental Mutagen Information Center)
- HSDB® (Hazardous Substances Database)
- IRIS (Integrated Risk Information System)
- RTECS® (Registry of Toxic Effects of Chemical Substances)
- TIP FILES DEMO DISK (Microcomputer-based demonstration of the TIP files)
- TIP (Toxicology Information Program)
- TIP FILES COST SHEET
- TOXLEARN® (Microcomputer-based training for TOXLINE)
- TOXLINE® (Toxicology Information Online)
- TOXNET® (Toxicology Data Network)
- TRI (Toxic Chemical Release Inventory)

NLM MICROCOMPUTER-BASED TUTORIALS (See page 13 for detailed information.)

- CHEMLEARN™ -Microcomputer-based training for CHEMLINE
- TOXLEARN™ - Microcomputer-based training for TOXLINE
- MEDTUTOR™ - Microcomputer-based tutorial for MEDLINE
- ELLHILL® LEARN - Microcomputer-based training for ELHILL software
- NLM Microcomputer-based Tutorials *(package of microcomputer-based training programs)* Including CHEMLEARN, TOXLEARN, MEDTUTOR and ELHILL LEARN

NLM MICROCOMPUTER-BASED DEMO

- TIP Files Demo Disk - Microcomputer-based demonstration for TIP files

HEALTH HOTLINES: Pocket-size listing of health-related toll-free telephone numbers from the MEDLARS database DIRLINE (Directory of Information Resources Online). Also includes organization's name and address. To obtain a copy, send a self-addressed label to: DIRLINE Information, National Library of Medicine, Specialized Information Services, Building 38A, Room 3N305, Bethesda, Maryland 20894.

For more detailed information, please write to: Specialized Information Services, National Library of Medicine, 8600 Rockville Pike, Bethesda, Md. 20894.

CURRENT BIBLIOGRAPHIES IN MEDICINE

Produced by the Library's Reference Section, these bibliographies may be ordered as single documents or as part of a subscription to the entire CBM series. Place orders with the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies are not available from the NLM Reference Section. See page 3 for ordering information. Requesters for the CBM series will receive all titles for the year regardless of the date of order.

1989 SERIES

89-1 Therapeutic endoscopy and bleeding ulcers. January 1980 through December 1988.
491 citations. S/N 817-005-00001-2

89-2 History of neurosurgery. January 1970 through December 1988.
402 citations. S/N 817-005-00002-1

89-3 Laboratory animal welfare. October 1987 through November 1988.
86 citations. S/N 817-005-00003-9

89-4 Oral complications of cancer therapies. January 1980 through February 1989.
288 citations. S/N 817-005-00004-7

89-5 Modeling in biomedical research: Applications to studies in cardiovascular/pulmonary function and diabetes. January 1986 through March 1989.
830 citations. S/N 817-005-00005-5

89-6 Sunlight, ultraviolet radiation, and the skin. January 1984 through April 1989.
521 citations. S/N 817-005-00006-3

89-7 Health benefits of fish oils. January 1985 through May 1989.
576 citations. S/N 817-005-00007-1

89-8 Behavioral and mental disorders of the homeless. January 1983 through May 1989.
294 citations. S/N 817-005-00008-0

89-9 Toxoplasmosis in man and animals. January 1987 - May 1989.
986 citations. S/N 817-005-00009-8.

89-10 Anthropometric measures of malnutrition in children. October 1955 - March 1989.
529 citations. S/N 817-005-00010-1.

89-11 Treatment of destructive behaviors in persons with developmental disabilities. January 1966 - August 1989. 751citations. S/N 817-005-00011-0.

89-12 Post-polio syndrome. January 1967 - September 1989.
223 citations. S/N 817-005-00012-8.

89-13 Exercise and the elderly. January 1986 - July 1989.
1050 citations. S/N 817-005-00013-6

89-14 Noise and hearing loss. January 1985 - December 1989.
757 citations. S/N 817-005-00014-4.

89-15 Care and use of laboratory animals. January 1985 - December 1989.
230 citations. S/N 817-00500015-2

89-16 Alcoholism and the family. January 1988 through July 1989.
292 citations. S/N 817-005-00016-1

89-17 Chronic fatigue. January 1980 - December 1989.
285 citations. S/N 817-005-00017-9

89-18 Growth hormones and short stature. January 1983 - September 1989.
470 citations. S/N 817-005-00018-7

89-19 Medication and the elderly. Part I: treatment issues. January 1985 - December 1989.
1017 citations. S/N 817-005-00019-5

89-20 Medication and the elderly. Part 2: specific diseases. January 1985 - December 1989.
867 citations. S/N 817-005-00020-9

(Continued on next page)

(Current Bibliographies in Medicine, Continued from page 19)

1990 SERIES

90-1 Surgery for epilepsy. January 1985 - February 1990.
681 citations S/N 817-006-00001-9

90-2 Sleep disorders of older people. January 1985 - March 1990.
725 citations. S/N 817-006-00002-7

90-3 Adjuvant therapy for colon and rectum cancer. January 1985 - April 1990.
491 citations. S/N 817-006-00003-5

90-4 Intravenous immunoglobulin: prevention and treatment of disease. January 1986 through April 1990.
888 citations. S/N 817-006-00004-3.

90-5 Laboratory animal welfare. December 1988 through December 1989.
86 citations. S/N 817-006-00005-1

90-6 Treatment of early-stage breast cancer. January 1985 through May 1990.
668 citations. S/N 817-006-00006-0

90-7 Cocaine, pregnancy and the newborn. January 1988 through March 1990.
468 citations. S/N 817-006-00007-8

90-8 Fish oils. January 1989 through July 1990.
653 citations. S/N 817-006-00008-6

90-9 Alzheimer's disease and the family. January 1986 through July 1990.
343 citations. S/N 817-006-00009-4

90-10 Clinical use of botulinum toxin. January 1987 through September 1990.
318 citations. S/N 817-006-00010-8

90-11 Diagnosis and management of asymptomatic primary hyperparathyroidism. January 1986 through September 1990. 1057 citations. S/N 817-006-00011-6

90-12 Prison health care. January 1986 through September 1990.
1132 citations S/N 817-006-00012-4

90-13 Bovine somatotropin. January 1985 through October 1990.
1097 citations. S/N 817-006-00013-2

90-14 Adverse effects of aspartame. January 1986 through December 1990.
167 citations. S/N 817-006-00014-1

90-15 Patient education for self-care: the role of nurses. January 1983 through November 1990.
468 citations. S/N 817-006-00015-9

90-16 Blood substitutes, January 1986 through December 1990.
744 citations. S/N 817-006-00016-7

90-17 Hospital Technology Assessment. January 1984 through December 1990.
784 citations. S/N 817-006-00017-5

90-18 Gastrointestinal Surgery for Severe Obesity. January 1986 through December 1990.
548 citations. S/N 817-006-00018-0

90-19 Human-Pet Relationships. January 1983 through December 1990.
385 citations. S/N 817-006-00019-1

1991 SERIES

91-1 Laboratory animal welfare. January 1990 through December 1990.
89 citations. S/N 817-007-00001-5

91-2 Therapy-related second cancers. Janury 1986 through March 1991.
880 citations. S/N 817-007-00002-3

RECURRING BIBLIOGRAPHIES

The National Library of Medicine through its computer-based MEDLARS (Medical Literature Analysis and Retrieval System) periodically produces lists of citations in specialized biomedical fields. These lists, termed "Recurring Bibliographies," are printed and distributed by nonprofit professional organizations and government agencies.

ANESTHESIOLOGY BIBLIOGRAPHY (quarterly)
Published and distributed by the American Society of Anesthesiologists. Write: Wood Library Museum of Anesthesiology, American Society of Anesthesiologists, 515 Busse Highway, Park Ridge, Illinois 60069.

CRANIOFACIAL BIBLIOGRAPHY, INTERNATIONAL (quarterly)
Published in the *Journal of Craniofacial Surgery*. Write to: B.C. Decker, Inc., 3228 South Service Road, Burlington, Ontario, Canada L7N3H8

DENTAL LITERATURE, INDEX TO (quarterly)
Sold by the American Dental Association, 211 East Chicago Avenue, Chicago, Illinois 60611.

DIARRHOEAL DISEASES, BIBLIOGRAPHY OF ACUTE (Semi-annual)
Write to: Diarrhoeal Diseases Control Program, World Health Organization, 1211 Geneva 27, Switzerland.

FAMILY MEDICINE LITERATURE INDEX (annual)
Published by the World Organization of National Colleges, Academies, and Academic Associations of General Practitioners/Family Physicians. For information write: Family Medicine Literature Index, Canadian Library of Family Medicine, The College of Family Physicians of Canada, University of Western Ontario, Natural Sciences Center, London, Ontario, Canada N6ASB7.

HOSPITAL LITERATURE INDEX (quarterly)
Write to: American Hospital Association, 840 N. Lake Shore Drive, Chicago, Illinois 60611.

INTERNATIONAL NURSING INDEX (quarterly)
Sold by American Journal of Nursing Company, 555 West 57th Street, New York, New York 10019-2961.

MAJOR TROPICAL DISEASES, QUARTERLY BIBLIOGRAPHY OF (quarterly)
Distributed by the Special Programme for Research and Training in Tropical Diseases, World Health Organization, 1211 Geneva 27, Switzerland.

MULTIPLE BIRTHS, CURRENT RESEARCH ON: (semi-annual)
Published in *Acta Geneticae et Genellologiae*. For information please write to: Alan R. Liss, 41 E. 111th Street, New York, New York 10003.

MULTIPLE SCLEROSIS RESEARCH REPORTS (quarterly)
Published by the International Federation of Multiple Sclerosis Societies. Write to: Demos Publications, 156 Fifth Avenue, New York, NY 10010.

ONCHO UPDATE (quarterly)
Published and distributed by the Edna McConnell Clark Foundation, 250 Park Avenue, New York, New York 10017.

(Continued on next page)

(Continued from page 21)

ORTHOPAEDIC SURGERY, ANNUAL BIBLIOGRAPHY OF (annual)
Published and distributed by the Journal of Bone and Joint Surgery, 10 Shattuck Street, Boston, Massachusetts 02115.

PHYSICAL FITNESS/SPORTS MEDICINE (quarterly)
Sponsored by the President's Council on Physical Fitness and Sports , 450 Fifth Street, N.W. Washington, D.C. 20001.

PLASTIC AND RECONSTRUCTIVE SURGERY, ONGOING CURRENT BIBLIOGRAPHY OF (bimonthly)
To order write to: Medlars Direct Mail Center, 23 Pinewood Farm Court, Owings Mills, Mary land 21117. Phone: 301/252-4022.

PODIATRIC MEDICINE AND SURGERY, BIBLIOGRAPHY OF (monthly)
Included in the *Journal of the American Podiiatric Medical Association.* Published by the American Podiatric Medical Association, 9312 Old Georgetown Road, Bethesda, Maryland 20814-1621.

PSYCHOPHARMACOLOGY BIBLIOGRAPHY (quarterly)
Published in the *Psychopharmacology Bulletin* by the National Institute of Mental Health. Write to: Allen Raskin, Ph.D., Editor, Psychopharmacology Bulletin, NIMH, Parklawn Building, Room 9101, Rockville, Maryland 20857.

RECURRING BIBLIOGRAPHY FOR CHIROPRACTIC (quarterly)
Published by the Palmer College of Chiropractic in *The Journal of Chiropractic Research and Clinical Investigation,* 741 Brady Street, Davenport, Iowa 52803 .

SCHISTO UPDATE (quarterly)
Bibliography of Schistosomiasis published by the Edna McConnell Clark Foundation, 250 Park Avenue, New York, New York 10017.

SELECTED MEDICAL LIBRARY ON MICROFICHE (monthly)
Available from: The Rockefeller Foundation, 1133 Avenue of the Americas, New York, NY 10036.

STRABISMUS, AMBLYOPIA, AND OTHER DISEASES OF OCULAR MOTILITY (quarterly)
Published by the International Strabismological Association. Write to: Robert D. Reinecke, M.D., Wills Eye Hospital, Foerderer Eye Movement Center for Children, 9th and Walnut Streets, Philadelphia, Pennsylvania 19107.

SURGERY OF THE HAND, BIBLIOGRAPHY OF (annual)
Published and distributed by: American Society for Surgery of the Hand, 3025 S. Parker Road, Suite 65, Aurora, Colorado 80014.

TRACHOMA UPDATE (quarterly)
Published and distributed by the Edna McConnell Clark Foundation, 250 Park Avenue, New York, New York 10017.

MISCELLANEOUS REPORTS

Unless otherwise indicated, order from: The National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161. Phone: (703) 487-4650; Fax: (703) 321-8547. For complete ordering information see page 9.

PB87-190716/GBB	AIDS Bibliography, 1986-1987	$25.95
PB no. not available at time of printing	NLM Programs and Services, FY 1989	(Price to be announced)
PB no. not available at time of printing	NLM Programs and Services, FY 1988	(Price to be announced)
PB88-217732/GBB	NLM Programs and Services, FY 1987	$15.95
PB88-217724/GBB	NLM Programs and Services, FY 1986	$15.95
PB88-118724/GBB	NLM Programs and Services, FY 1985	$14.95
PB85-180198/GBB	NLM Programs and Services, FY 1984	$10.00
PB84-174077/GBB	NLM Programs and Services, FY 1983	$10.00
PB83-207266/GBB	NLM Programs and Services, FY 1982	$ 7.00
PB83-105056/GBB	NLM Programs and Services, FY 1981	$14.95
PB88-217781/GBB	NLM Programs and Services, FY 1980	$14.95
PB88-217773/GBB	NLM Programs and Services, FY 1979	$14.95
PB88-217765/GBB	NLM Programs and Services, FY 1978	$14.95
PB88-217757/GBB	NLM Programs and Services, FY 1977	$14.95
PB88-217740/GBB	NLM Programs and Services, FY 1976	$14.95
PB85-226421/GBB	Identification and Evaluation of Sources for the Toxicology Data Bank (Report of a Workshop Held at the NLM May 1-2 and June 27, 1984)	$19.95 ($6.95 microfiche)
PB85-181550/GB	Collection Development Manual of the National Library of Medicine (1985)	$12.00

Collection Development Manual (Addenda)

(1) Human Nutrition and Related Subjects - Collection responsibilities of the National Library of Medicine and the National Agricultural Library, January 1987, 3 pp.
(2) Addendum: Policy Revision, Audiovisual Materials , December 1988
(3) National Librry of Medicine, Satatement of Policy, Basic Information Level Collecting, June 1989, 3pp.
(4) Joint collection Development Policy Statement of the National Library of Medicine, the National Agricultural Library and the Library of Congress. Biotechnology, September 1989, 8 pp.
Copies are available from: The National Library of Medicine, Office of Public Information 8600 Rockville Pike, Bethesda, Maryland 20894. Please indicate on request "Collection Development Manual Addenda" and include full title listed above.

PB-271-651/GBB	Conference on Translating National Health Policies into Health Practice (June 1-4, 1977): Final Report	$ 4.50
PB89-133722/GBB	Survey of Individual Users of MEDLINE on the NLM System, 1988	$21.95
PB86-219664/GBB	Notes for Medical Catalogers, 1985	$ 9.95
PB85-180206/GBB	Notes for Medical Catalogers, 1984	$ 9.95
PB84-195874/GBB	Notes for Medical Catalogers, 1983	$12.95
PB83-170860/GBB	Notes for Medical Catalogers, 1982	$11.00
PB82-196569/GBB	Notes for Medical Catalogers, 1981	$19.95

(Continued on next page)

MEDLINE ON CD-ROM
Edited by Rose Marie Woodsmall, Becky Lyon-Hartmann, and Elliot Siegel. 506 pp.

On September 23, 1988, members of the health science library community met at the National Library of Medicine for an evaluation forum entitled "MEDLINE on CD-ROM." Working with private-sector vendors, the Library coordinated the placement, testing, and evaluation of seven CD-ROM systems at 21 health science libraries and clinical sites around the country. *MEDLINE on CD-ROM* includes a transcription of the evaluation forum proceedings as well as all of the evaluation project reports, which were presented only in abbreviated form at the meeting. It also includes a summary report of the nationwide evaluation, a checklist of CD-ROM features, an extensive bibliography, and an index.

Order from: Learned Information, Inc.,
143 Old Marlton Pike
Medford, New Jersey 08055-8707
Phone: (609) 654-6266

Price: $49.95 (plus $2.50 postage and handling for the first volume; for additional volumes on the same order, add $2.00 per volume).

USE OF THE CRITICAL INCIDENT TECHNIQUE TO EVALUATE THE IMPACT OF MEDLINE

A study by the National Library of Medicine of MEDLINE users to evaluate the impact of MEDLINE searches on clinical decision-making and other professional activities. The study utilized the Critical Incident Technique (CIT), a structured and systematic approach to obtaining detailed reports of behaviors leading to successful or unsuccessful outcomes. Phone interviews were conducted with 545 physicians, biomedical researchers, and other health professionals, who described specific MEDLINE searches that were especially effective or ineffective in meeeting a specifici information need.

Order from: National Technical Information Service
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Springfield, VA 22161
Phone: (703) 487-4650

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Order number: PB90-142522/GBB

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Published by the Friends of the National Library of Medicine, the work profiles the careers of America's laureates from 1901 to 1986. Containing photographs of each scientist, the work was written by award-winning science writer Larry Thompson of the Washington Post.

Order from: The Friends of the National Library of Medicine
1529 Wisconsin Avenue, N.W.
Washington, D.C. 20007

Price: Send check or money order ($8 for members or $12 for nonmembers, plus $1 for postage and handling)

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The following items are available without charge .

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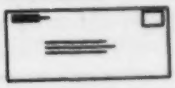

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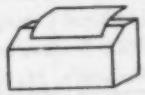


- o Directions to the National Library of Medicine
- o Good Medicine for Your Information Needs - Grateful Med®
- o MEDLARS® - The World of Medicine at Your Fingertips
- o National Library of Medicine - New Frontiers in Health Communications; Sesquicentennial 1836-1986 (General Information about NLM)
- o NLM Library Associate Program in Medical Librarianship and Biomedical Communications
- o Staff Directory of the National Library of Medicine
- o National Library of Medicine Organization Chart
- o Visitors Guide to the Lister Hill National Center for Biomedical Communications
- o Visitors Guide to the National Library of Medicine
- o Going, Going, Gone - National Preservation Plan for the Biomedical Literature
- o Health Hotlines

REPORTS

- o NLM Programs and Services, FY 1990. (For previous years, see NTIS, page 19)
- o National Library of Medicine Long Range Plan:
  1. Executive Summary: sketches the background against which the Long Range Plan may be viewed, an extracts highlights from the Board of Regents Report.
  2. Report of the Board of Regents: presents detailed and specific recommendations and estimated resource requirements over the next 3 years for accomplishing the Library's long range goals.
  3. Update to Long Range Plan, "Improving Health Professionals' Access to Information," August 1989.
  4. Electronic Imaging, April 1990

The following reports are available without charge from: Extramural Programs, Attn: IAIMS, National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20894:

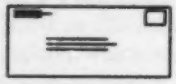
PLANNING FOR INTEGRATED ACADEMIC INFORMATION MANAGEMENT SYSTEMS,
Proceedings of a Symposium sponsored by the National Library of Medicine October 17, 1984.

IAIMS AND HEALTH SCIENCES EDUCATION
Proceedings of a symposium sponsored by the National Library of Medicine March 12, 1986

FACT SHEETS

(Information sheets on NLM Divisions, Programs, and Resources.)

Written requests for fact sheets should be sent to:
Attn: FACT SHEETS
Office of Pubic Information
National Library of Medicine
8600 Rockville Pike
Bethesda, Maryland 20894



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ACCESS TO AUDIOVISUAL MATERIALS (JUN 1990)
ACID-FREE PAPER FOR BIOMEDICAL LITERATURE (DEC 1989)
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BIBLIOGRAPHIC SERVICES DIVISION (NOV 1990)

COLLECTION DEVELOPMENT MANUAL (JAN 1991)
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GRATEFUL MED, VERSION 5.0 (APR 1990)

HISTLINE (HISTORY OF MEDICINE ONLINE)(MAY 1989)
HISTORY OF MEDICINE DIVISION (JUNE 1990)
HISTORY OF NURSING/NLM HIST.OF MED. DIV. (JUL 1988)

INTERLIBRARY LOAN POLICY (MAY 1989)

LEARNING CTR FOR INTERACT. TECH. (NOV 1989)
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MACHINE LEARNING PROJECT (NOV 1990)
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MEDLINE ON CD-ROM (OCT 1990)
MEDLINE USE BY PHYSICIANS (MAR 1991)
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MICROFILM SALES PROGRAM (DEC 1990)

NATIONAL CENTER FOR BIOTECH. INFO. (APR 1991)
NATIONAL LIBRARY OF MEDICINE (JAN 1991)
NATURAL LANGUAGE SYSTEMS PROJECT (NOV 1990)

NLM INTERNATIONAL MEDLARS CENTERS (AUG 1989)
NLM ONLINE SERV. PROG. POLICY STATEMENT (JAN 1990)
NLM POLICY ON DATABASE PRICING (DEC 1989)
NLM RESOURCES IN VETERINARY MEDICINE (JUN 1990)
NLM'S ONLINE DATABASES (APR 1990)

ONLINE INDEXING SYSTEM (JUN1989)

PRESERVATION (SEPT 1990)
PUBLIC SERVICES DIVISION (OCT 1989)

REG. MED. LIB. NETWORK MEMBERSHIP PROG. (NOV 1990)
REGIONAL MEDICAL LIBRARIES (OCT 1990)
RTECS (FEB 1988)

SERHOLD (JUN 1990)

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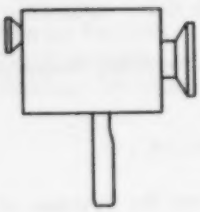

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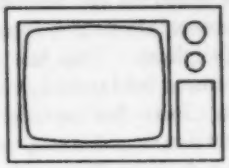

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(The videotapes listed below are also available on interlibrary loan through the Regional Medical Library Network.)

A World of Knowledge--the Regional Medical Library Network
(17 min) $25.00 [1989]
[A17978]
Briefly traces the history of the NLM Regional Medical Library (RML) Network. Describes many of the network's functions and focuses on specific examples of these activities at each of the seven RMLs throughout the country.

National Library of Medicine Pathways
(17 min) $25.00 [1989]
[A18032]
Describes current NLM services using vignettes from actual case histories of the Library's online and other service offerings.

Martin M. Cummings, M.D.
(51 min) $155.00
[A18366]

(Continued on next page)

NATIONAL LIBRARY OF MEDICINE BIOTECHNOLOGY SEMINAR SERIES

[1987 - 1990]
In developing and implementing the concept of a National Center for Biotechnology Information, the National Library of Medicine has instituted a forum for the experts to present information about biotechnology and its cognate disciplines. This has resulted in a series of public lectures, held at the Library. By videotaping these talks, the Library has captured a unique survey of the content and future of this burgeoning field.
[whole series (24 parts): $1,237.00, A17996]

Analysis of Complex Genomes
(44 min) $50.00 [A18398]
Sydney Brenner, Ph.D., Cambridge University (7/21/90)

BIONET: a Network and Computer Resource for Molecular Biology
(40 min) $50.00 [A17987]
Douglas Brutlag, Stanford University (01/27/88)

Biotechnology in Europe : Policy Developments and Coordination Activities with Special Reference to Information Resources and the Global Knowledge Base
(59 min) $60.00 [A18246]
Mark Cantly, Concertation Unit for Biotechnology in Europe (03/29/90)

Biotechnology in Forensic Medicine
(75 min) $70.00 [A17991]
James Kearney, FBI (11/01/88)

Biotechnology in the National Library of Medicine: Present and Future
(34 min) $50.00 [A17985]
Daniel Masys, NLM (06/05/87)

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(60 min) $70.00 [A18397]
Maynard Olson, Ph.D., Wash. Univ. School of Med (7/21/90)

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(54 min) $60.00 [A17988]
Charles Gasser, Monsanto (02/10/88)

The Human Genome Project: Problems and Prospects
(101 min) $90.00 [A18050]
Charles Cantor, Columbia University (03/28/88)

The Human Genome Project: What are We Hoping to Learn?
(92 min) $80.00 [A17992]
Eric Lander, Whitehead Institute (03/28/88)

Indexing the Human Genome
(40 min) $50.00 [A17984]
Norman G. Anderson, L.S.B. Corp. (10/22/87)

Information Requirements for Policy Decisions Related to Biotechnology
(61 min) $70.00 [A17981]
David T. Kingsbury, NSF 05/22/87)

Information Technology and the Structure of Biological Theory
(45 min) $50.00 [A17986]
Harold Morowitz, Yale (11/10/87)

Mapping the Human Genome with Genetic Markers
(54 min) $60.00 [A18051]
Helen Donis-Keller, Collaborative Research, Inc.(02/26/87)

Mathematical & Statistical Problems in Map Assembly of the Human Genome
(62 min)$70.00 [A17993]
Samuel Karlin, Stanford University (03/14/89)

Mega DNA Sequencing
(50 min) $60.00 [A17983]
Mark Pearson, E.I. duPont de Nemours (09/17/87)

Molecular Genetics: an Overview
(56 min) $60.00 [A17982]
Arthur W. Nienhuis, NHLBI (01/20/87)

Oncogenes, Growth Factors, and Cancer
(60 min) $60.00 [A17994]
Stuart A. Aaronson (12/20/88)

Prospects for Human Gene Therapy
(52 min) $60.00 [A17990]
W. French Anderson, NHLBI (06/07/88)

Proteins: the All Purpose Biological Polymers
(76 min) $70.00 [A17979]
Frederic M. Richards, Yale (04/30/87)

Syntactic and Systematic Structure in Genetic Sequences
(81 min) $80.00 [A18003]
Temple Smith, Harvard (03/20/87)

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(48 min) $50.00 [A17995]
Gerald Myers, Los Alamos National Laboratory (05/30/89)

Transgenic Mammals and Biotechnology
(50 min) $60.00 [A17989]
Heiner Westphal, NICHD (09/16/88)

(Continued on next page)

(Continued from page 30)

Using Recombinant DNA Technology
(67 min) $70.00 [A17980]
Arthur W. Nienhuis, NHLBI (03/05/87)

Viral Vectors for Vaccines
(40 min) $50.00 [A18188]
Harold S. Ginsberg, Columbia University (12/07/89)

MEDICINE AND THE ARTS: TWO FACES OF HUMANITY

[April 22, 1986]

One of the highlights of NLM's Sesquicentennial Year was its Colloquium on Medicine and the Arts, held April 22nd, 1986. Over 100 professionals from medical and nonmedical fields gathered to experience words, paintings, and music - all presented in a spirit of both celebration and exploration.

[whole series: $475.00, A18119]

Introduction and Welcome/Colloquium Overview
(22 min) A18122 $50.00
Donald A.B. Lindberg, M.D., Director, NLM and John H. Stone, M.D., Emory University School of Medicine.

Medicine and Literature in Historical Perspective
(55 min) A18127 $70.00
Anne Hudson Jones, Ph.D., Associate Professor of Literature and Medicine at the University of Texas Medical Branch, Galveston and Editor of the journal, *Literature and Medicine*.
Five aspects of medicine and literature presented: 1. themes of illness, suffering, and death; 2. images of healers; 3. the physician-poet or the physician-writer; 4. medical ethics and literature; and 5. literature as a mode of healing.

The Physician as Writer
(52 min)
A18128 $70.00
Richard Selzer, M.D., Assistant Professor of Surgery (Ret.), Yale University Medical School
Dr. Selzer, author of several books, is known as a storyteller parexcellence. He reads a short story ("The Black Swan: Retold in Homage to Thomas Mann") from his book, *Taking the World in for Repairs*.

The Physician as Poet
(28 min) A18120 $50.00
John H. Stone, M.D.
Dr. Stone reads poetry ranging from the humorous to the quietly reflective.

Overview of Art and Medicine
(41 min) A18123 $60.00
M. Theresa Southgate, M.D., Deputy Editor of the *Journal of the American Medical Association*
The visual and musical arts as they relate to medicine

Why I Paint
(45 min) A18124 $60.00
Joseph Wilder, M.D. surgeon and artist. Athletes: Paintings by Joe Wilder, M.D., published in 1986 by Harry N. Abrams, Inc.

Microscopic Vision: Delusions of Art and Nature
(23 min) A18121 $50.00
Brian O'Doherty, M.D., also known as Patrick Ireland in the art world, Director of Media Arts at the National Endowment of the Arts in Washington, D.C.
A well known painter whose work has appeared many times on the cover of *JAMA*, Dr. Wilder shows slides of many of his paintings and expresses the joy he felt in painting as it released him from many of the life-and-death stresses of his responsibilities as a surgeon. He talks of the freedom of creativity.

Two Faces of Apollo: Medicine and Music
(43 min) A18125 $60.00
Edward Shapiro, M.D., formerly Chief, Medical Service at the Los Angeles County Hospital.
Dr. Shapiro explores the questions of medicine's gains from music and *vice versa*. Examples include the invention of the stethoscope by a flutist and the work of physician-composers and performers like Borodin, Kreisler, and Schweitzer.

The Physician as Musician
(42 min) A18126 $60.00
Misha Pless, medical student and pianist.

MEDICINAL MUSES: THE THERAPEUTIC USES OF THE ARTS AND HUMANITIES

[April 24, 1990]

From the stories told by shamans in paleolithic cultures to the modern uses of art and music in psychotherapy, the arts and humanities have been viewed as inherently therapeutic. This relationship between healing and artistic/humanistic concerns was the subject of a symposium for the health professions, the scholarly community, and the public titled, "The Medicinal Muses: The Therapeutic Uses of the Arts and Humanities." The symposium was cosponsored by NLM and the Research Center for Arts and Humanities at the University of Maryland.

[whole series (6 parts): $285.00, A18439]

Facing Death: Images and Insights From the Arts and Pop Culture
(61 min) A18438 $65.00
Sandra Bertman

The Talking Cure as Artistic Project
(40 min) A18435 $50.00
Joseph Smith

The Imagination and Psychological Healing
(35 min) A18436 $45.00
Stanley Jackson

The Healing Powers of Movement
(39 min) A18434 $50.00
Arlynne Stark

(Continued on next page)

The Emergence of the Arts Therapies
(43 min) A18437 $55.00
Bernard Feder

The Art Therapy Underworld: Shamanism, D.H. Lawrence, and Art Therapy Today
(40 min) A18433 $50.00
Shaun McNiff

SYMPOSIUM ON PHYSICAL FITNESS AND SPORTS MEDICINE

[June 9, 1988]

This all-day symposium on physical fitness and sports medicine held at NLM, featured luminaries of the sports world such as Tracy Austin, Donna de Varona, and George Allen along with distinguished scholars and physicians. A full program covering a variety of sports/fitness themes was presented, including the history of sports and sports medicine, sports injuries, physical fitness throughout the various stages of life, and the present state of physicial fitness in the U.S.

[whole series: $430.00, A18023]

The Nation's Physical Fitness
George H. Allen
(25 min) $50.00
[A18022]

The Quest for El Dorado: the Origins of Sports Medicine in American Culture
James C. Whorton
(35 min) $60.00
[A18021]

Fitness for All, for Grown-ups: Stay Active
James A. Nicholas
(37 min) $60.00
[A18020]

Fitness for All, for Seniors: Keep Going
T. Franklin Williams
(16 min) $50.00
[A18019]

Fitness for All, for Youngsters: Develop Health Habits
Lawrence E. Shulman (moderator); Barry Goldberg
(36 min) $60.00
[A18018]

Professionals Discuss the "Breaks" of the Game
George P. Morse (introduction); consultant panelists George H. Allen, et al.
(79 min) $80.00
[A18017]

Sports and Culture
Ernst Jokl
(44 min) $70.00
[A18016]

Surer, Swifter, Stronger: Women in Sports
Donna de Varona
(30 min) $50.00
[A18015]

SPACE MEDICINE

[November 13, 1986]

Held at the Library on November 13, 1986, this final colloquium in the Sesquicentennial series included topics ranging from an overview of space medicine research to such specific subjects as the biological aspects of space stations, information processing in low earth orbit, health care, robotics in space, advanced missions planning, and artificial intelligence and computerized medicine in space.

[whole series (7 parts): $340.00 , A18257

Welcome Overview
(52 min) A18258 $60.00
Donald A. B. Lindberg, M.D., NLM & Dr. Arnaud Nicogossian, NASA

The Spacelab Era
(34 min) A18259 $55.00
John B. West, M.D., Ph.D., U. of Calif. San Diego

Information Processing and Communications in Low Earth Orbit
(39 min)
Michael J. Ackerman, Ph.D., Navy Med. Res. Inst. A18260 $50.00

Space Station
(44 min) A18261 $55.00
John Billingham, M.D.

Health Care Robotics in Space
(37 min) A18262 $50.00
Raj Reddy, Ph.D., Carnegie Mellon University

Advanced Missions Planning
(57 min) A18263 $60.00
Jesco H. Von Putt Kamer, NASA

Artificial Intelligence and Computerized Medicine in Space (35 min)
Peter Szolovitz, Ph.D., MIT A18264 $50.00

MEDLINE ON CD-ROM NATIONAL LIBRARY OF MEDICINE EVALUATION FORUM

[Sept. 23, 1988]
On September 23, 1988, members of the health science library community met at NLM for an evaluation forum entitled "MEDLINE ON CD-ROM." Working with private-sector vendors, the library coordinated the placement, testing, and evaluation of seven CD-ROM systems at 21 health science libraries and clinical sites around the country.
[whole series: $425.00, A18007]

Introduction
Rose Marie Woodsmall, Becky Lyon-Hartman
(19 min) $50.00
[A18013]

Systems: Features and Capabilities
Nancy N. Woelfl
(88 min) $80.00
[A18014]

CD-ROM in the Clinical Setting: Users and Uses,
Prudence W. Dalrymple (60 min) $70.00
[A18010]

CD-ROM in the Health Sciences Library: Users and Uses
Nancy K. Roderer (84 min) $80.00
[A18008]

Assessing the Costs
Paul B. Kantor
(29 min) $60.00
[A18012]

Putting it All in Perspective
William David Penniman
(28 min) $60.00
[A18011]

Vendors: Lessons Learned and Future Plans Here and Abroad
William David Penniman (58 min) $70.00
[A18009]

LEADERS IN AMERICAN MEDICINE

[1987]
The Library has produced videocassettes featuring inteviews with two pioneers in the use of computers in medicine. Of special interest to medical students and other concerned with the impact of computers on medicine, each videocassette consists of a half-hour interview conducted by Diane Rehm, a Washington, D.C., public radio personality, highly respected for her probing interviews of prominent national newsmakers.

Homer R. Warner, M.D.
(28 min) $110.00
[A18241]

Morris F. Collen, M.D.
(29 MIN) $110.00
[A18240]

IMAGES OF THE HEALTH PROFESSIONS IN THE POPULAR ARTS

[Oct. 2, 1987]
Conference held at NLM October 1987 which explored the varied ways the popular arts - TV shows, fiction, movies, cartoons, and songs - reflect as well as mold our perceptions of the men and women of medicine.

[whole series: $485.00, A18103]

Images of the Health Professions in the Popular Arts
Introduction (47 min) $70.00
[A18094]
Anne Hudson Jones

The Physician in the Mystery Story: the Case of John H. Watson
David F. Musto
(28 min) $60.00
[A18096]

Nurses and Patients in Twentieth-Century Short Stories
(31 min) $60.00
[A18097]
Barbara Melosh

The Image of Health Professionals in Graphic Arts
(35 min) $60.00
[A18095]
William H. Helfand

The Doctor in Me
(14 min) $50.00
[A18098]
Louise Fletcher

Whose Art is it Anyway?
(50 min) $70.00
[A18099] David E. Tanner, Jennifer L. Tebbe

Health Professionals Watch Their TV Image
(36 min) $60.00
[A18100]
Rita Charon

The Health Professional in American Popular Comedy
(37 min) $60.00
[A18101]
Brooks McNamara

The Health Professions in Popular Music
(25 min) $50.00
[A18102]
Louise Edeiken

HISTORY OF MEDICINE TITLES

Most of the titles below are available from: History of Medicine Division, National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20894. If a charge is indicated, please send check or money order and make payable to the Treasurer of the United States. Several titles are available only from the U.S. Government Printing Office and are noted with a reference to another page number where you will find ordering information.

- A BIOMEDICAL INDEX TO THE CORRESPONDENCE OF RENE DESCARTES
  by Thomas Steele Hall, 1986, 15 pp.
- A CATALOGUE OF 17TH CENTURY PRINTED BOOKS IN THE NATIONAL LIBRARY OF MEDICINE
  (Available from the U.S. Government Printing Office, see pages 1 and 5 for complete ordering information.)
- A CENTURY OF AMERICAN PHYSIOLOGY, AN EXHIBIT
  by John Parascandola, Toby Appel, and Daniel Gilbert, 1987, 19 pp.
- A HISTORY OF THE NATIONAL LIBRARY OF MEDICINE: THE NATION'S TREASURY OF MEDICAL KNOWLEDGE (Available from the U.S. Government Printing Office, see pages 1 and 6 for ordering information.)
- A SHORT TITLE CATLOGUE OF 18TH CENTURY PRINTED BOOKS IN THE NATINAL LIBRRY OF MEDICINE
  (Available from the U.S. Government Printing Office, see pages 1 and 8 for ordering information.)
- AMERICAN CONTRIBUTIONS TO CARDIOVASCULAR MEDICINE AND SURGERY, AN EXHIBIT
  by W. Bruce Fye, 1986, 22 pp.
- AMERICAN CONTRIBUTIONS TO THE NEW AGE OF DENTAL RESEARCH
  by Ruth Harris, 1988. 25pp.
- BIBLIOGRAPHY OF THE HISTORY OF MEDICINE (Available from the U.S. Government Printing Office, see pages 1 and 5 for ordering information.)
- BLACKS IN AMERICAN MEDICINE: A BIBLIOGRAPHY OF SECONDARY SOURCES, 1970-1987
  by Peter B. Hirtle and Diane E. Rothenberg, 1988. 25 pp.
- CATALOG OF EXHIBIT IN HONOR OF THE SEQUICENTENNIAL OF THE BIRTH OF LOUIS PASTEUR , 1972, 16 pp.
- CENTURY OF INDEX MEDICUS, 1879-1979
  John B.Blake (ed.). 1980. 115pp. $5.00. Essays by Charles E. Rosenberg, Genevieve Miller, John B. Blake, Frank B. Rogers, William B. Bean, Edwin Wolf, 2nd, K. Garth Huston, and Saul Jarcho.
- CONRAD GESNER - A QUARTERCENTURY EXHIBIT
  by Richard J. Durling, 1965, 20 pp.
- EARLY WESTERN MANUSCRIPTS IN THE NATIONAL LIBRARY OF MEDICINE: A SHORT-TITLE LIST.
  by Elizabeth Tunis, 1989. 6 p p.
- EDUCATING PHYSICIANS IN THE NINETEENTH CENTURY
  A bibliography of selected titles in the collections of the National Library of Medicine by Thomas Neville Bonner, 1988
- HIGHLIGHTS IN MEDICOLEGAL RELATIONS (rev. ed., 1976).
  Jarsolav Nemec (comp.). 166pp. $5.00. Lists in chronological order 549 highlights from ca. 4000 B.C. to 1973.
- HISTORICAL TREASURES OF THE NATIONAL LIBRARY OF MEDICINE
  1985, 6 pp.
- JOHN SHAW BILLINGS - AN AUTOBIOGRAPHICAL FRAGMENT 1905
  A facsimile copy of the original manuscript, 1965
- JOHN SHAW BILLINGS CENTENNIAL
  An exhibit depicting the life and career of Dr. John Shaw Billings, 1965
- MEDICINE AND THE NATURALIST TRADITION
  by Katherine Boyd, 1989. 30pp
- MEDICINE OF THE CIVIL WAR. 1973. 8 pp.
- PAST, PRESENT, AND FUTURE OF BIOMEDICAL INFORMATION
  Papers from NLM seminary held during NLM's Sesquicentennial
- THE EMERGENCE OF EXPERIMENTAL EMBRYOLOGY IN THE UNITED STATES
  by S. Robert Hilfer. 1990. 23pp. Booklet prepared for an exhibit at NLM held June 1 - August 31, 1990.
- THE HISTORY OF CARDIOLOGY: A BIBLIOGRAPHY OF SECONDARY SOURCES
  by W. Bruce Fye, 1986, 6 pp.
- THE NEW AGE OF HEALTH LABORATORIES, 1885-1915, AN EXHIBIT
  by James H. Cassedy, 1987, 18 pp.
- THE UNITED STATES PUBLIC HEALTH SERVICE: AN HISTORICAL BIBLIOGRAPHY OF SELECTED SOURCES.
  By Margaret Kaiser, 1989. 11 pp.
- TO YOUR HEALTH: AN EXHIBITION OF POSTERS FOR CONTEMPORARY PUBLIC HEALTH ISSUES.
  by William Helfand, 1990. 30pp.
- WOOD'S LIBRARY OF STANDARD MEDICAL AUTHORS 1879-1886, A CHECKLIST
  by Philip Teigen, 1985, 31 pp.

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Apartado Aereo 52521
Medellin, COLOMBIA
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COSTA RICA
Instituto Tecnologico de Costa Rica
Centro de Informacion Tecnologica
Ms. Flora Jimenez
Apartado 159
Cartago 7050, COSTA RICA
PHONE: 51-63-43, 51-53-33 X: 2262
TLX: 8013 ITCR CR

CYPRUS
Middle East Marketing Research Bureau
Mr. Charles Glover
P.O. Box 2098
Nicosia, CYPRUS
PHONE: 311333
FAX: 3572-311433

DOMINICAN REPUBLIC
INDOTEC
Ing. William Calderon
Apartado Postal 329-2
Santo Domingo, DOMINICAN REPUBLIC
PHONE: 566-8121 thru 29

ECUADOR
CENDES
Ing. Marco Ibarra
Apartado 5833
Guayaquil, ECUADOR
PHONE: 307-628, 308-600
TLX: 3603 CENDES ED

Centro de Info. Tecnica y Cientifica
Inst. de Invest. Tecnolocias-EPN
Ing. Francisco Alomia
Apartado 2759
Quito, ECUADOR
PHONE: 564-302, 541-794
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Centro Nacional de Productividad
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ENGLAND
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FINLAND
Technical Research Center of Finland
Technical Information Service
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Vuorimiehentie 5
02150 ESPOO 15, FINLAND
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World Data
Mr. Boris Presseloff
B.P. 68
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NTIS Manager
Time and Life Building
3-6 Otemachi 2-chome, Chiyoda-ku
Tokyo 100, JAPAN
PHONE: 277-0523
FAX: 81-03-279-1308

JORDAN
Royal Scientific Society
Dr. Yousef Nusseir, Director
Computer Systems Department
P.O. Box 925819
Amman, JORDAN
PHONE: 844701/9
FAX: 862-6-844806

KOREA
Korea Institute for Economics and Technology
Information Resources Division
Ms. Sukyoung Kim
P.O. Box 205, Cheongryangri
Seoul, KOREA
PHONE: 962-6211; 966-6501
FAX: 822-962-4702

LESOTHO
M. D. Consultants (Pty) Ltd.
Mr. Karun Kumar
P/Bag A-305
Maseru 100, LESOTHO
PHONE: 317-609
FAX: 266-50-310-130

MEXICO
INFOTEC
Ms. Guadalupe Carrion
Apdo. Postal 22-860
14050 Tlalpan, D.F. MEXICO
PHONE: 652-5377, 656-6011
FAX: 905-568-9921

MOROCCO
Centre National de Documentation of Morocco
Mr. Battiwa Lakbir
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Mr. Peter J. Smith
Ideal House
Eden Street, New Market
Auckland 1, NEW ZEALAND
PHONE: 524-8119
FAX: 64-9-524-9067

NIGERIA
The Director FIIRO
Mr. R.O. Sodipe
Private Mail Bag 21023
Ikeja, NIGERIA
PHONE: 521-010, 523-260
TLX: 26006 FIIRO NG.

PANAMA
Grupo de Tecnologia Apropiada
Lic. Glenda E. Bonarnico
Apartado 8046
Panama 7, PANAMA
PHONE: 61-73-53
TLX: 3282015 Stortex, PA

PERU
Servico, S.A.
Mr. Raul Fajardo
Morelli 217, Oficina 204
San Borja, PERU
PHONE: 511-070
TLX: 26043 NELAPSA PE

PHILIPPINES
Tech. & Livelihood Resource Ctr.
Mr. Francisco P. Cayco
TRC Bldg, San. Gil J. Puyat Ave. Ext.
Makati, Metro Manila, PHILIPPINES
PHONE: 818-7944; 85-16-31
TLX: 64002 TLRC PN

PORTUGAL
Consulplano SA
Mr. Miguel Silva
Division de Informacao Tecnica
Av. Frei Miguel Contreiras, 54-3
P-1700 Lisbon PORTUGAL
PHONE: 891187/89
FAX: 351-1-896738

SINGAPORE
Info Access and Distribution
Mr. Lee Pt Teong
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1955 SINGAPORE
PHONE: 226-0855, 280-8720
FAX: 65-288-1622

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TAIWAN
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Miss Phoebe W. L. Wang
P.O. Box 91-37
Taipei 10636, TAIWAN
PHONE:737-7649
FAX: 886-2-737-7684

TANZANIA
Tanzania Commission for Science and Technology
Mr. Hamisi M. Ngull
P.O. Box 4302
Dar es Salaam, TANZANIA
PHONE: 25802, 20678
TLX: 41177

THAILAND
Thailand Management Assn.(TMA)
Miss Wanwaree Rachdawong
308 Silom Road
Bangkok 10500, THAILAND
PHONE: 234-2624
TLX: 82831 STICORP

TURKEY
TUBITAK/TURDOK
Mrs. Zerrin Esensoy
Director, Documentation Center
Emek Ishani, No. 95, Kat. 16
06420 Kizilay, Ankara, TURKEY
PHONE: 125-5645
FAX: 90-4-117-5602

WEST GERMANY
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Mrs. Ulrike Kell
D-7514 Eggenstein-Leopoldshafen 2, WEST GERMANY
PHONE: 7247-808 300
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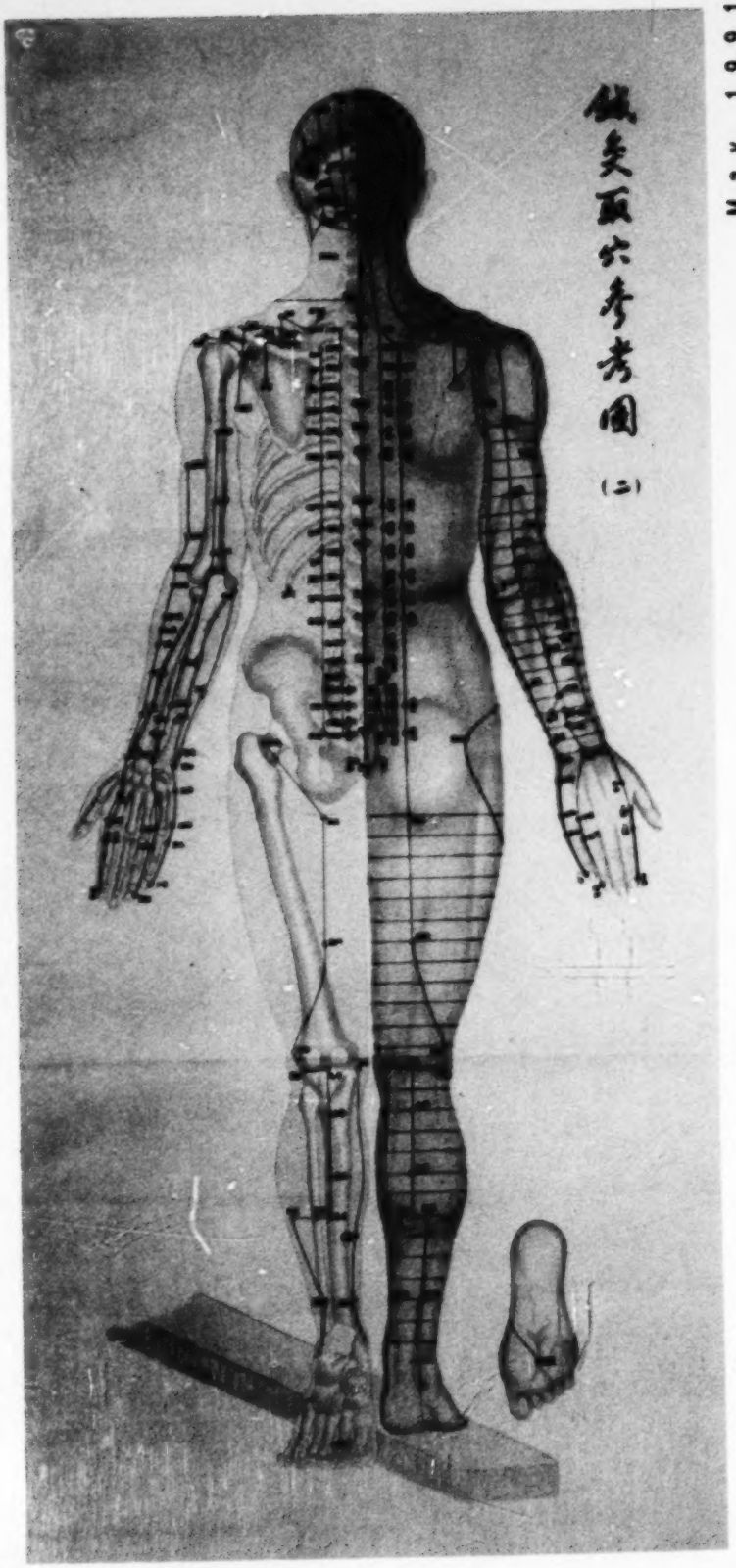
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